

Ineos H19G-00 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Extrusion Grade

Material Notes:

This is a homopolymer designed for extrusion processing and meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520. Applications Continuous Filament Yarn BCF Staple Fiber Benefits Color stability Consistent processing Superior spinning characteristics Gas Fade Resistance Information provided by Ineos Olefins & Polymers USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-H19G-00-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	19.3 g/10 min	19.3 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	36.2 MPa	5250 psi	ASTM D638
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Elongation at Yield	9.6 %	9.6 %	ASTM D638
Flexural Modulus, 1% Secant	1500 MPa	218000 psi	0.05 in/min test speed

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	88.9 °C	192 °F	ASTM D648

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